

Water Pump

COOLING

4. Water Pump

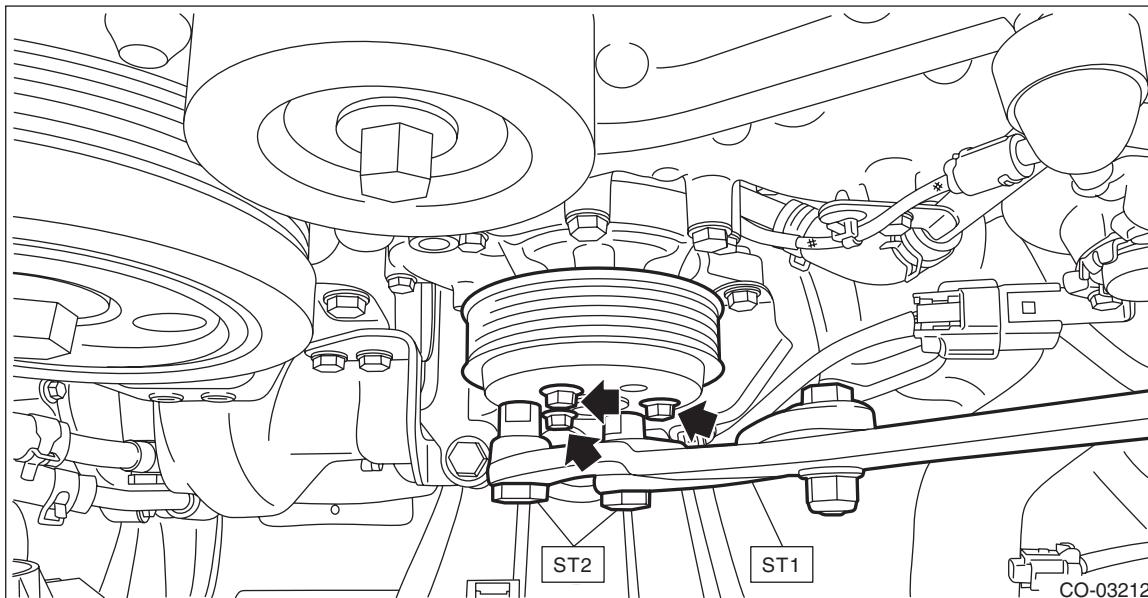
A: REMOVAL

1. WATER PUMP PULLEY

- 1) Remove the V-belts. <Ref. to ME(H4DOTC)-75, REMOVAL, V-belt.>
- 2) Remove the water pump pulley using the ST.

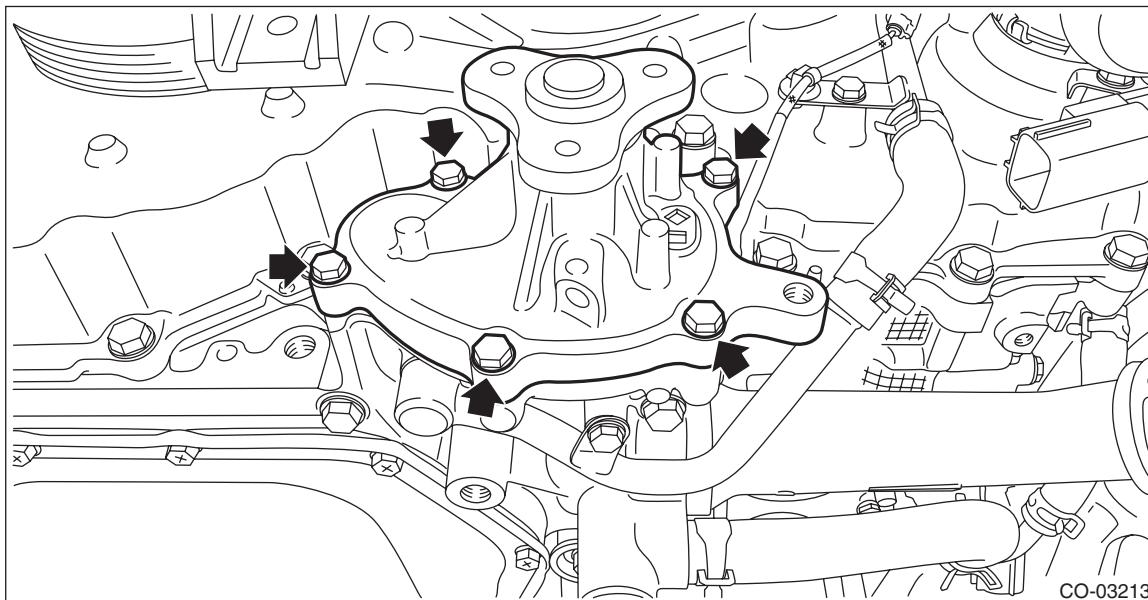
ST1 18355AA000 PULLEY WRENCH

ST2 18334AA030 PULLEY WRENCH PIN SET



2. WATER PUMP

- 1) Disconnect the ground cable from battery.
- 2) Remove the water pump pulley. <Ref. to CO(H4DOTC)-16, WATER PUMP PULLEY, REMOVAL, Water Pump.>
- 3) Remove the front exhaust pipe. <Ref. to EX(H4DOTC)-7, REMOVAL, Front Exhaust Pipe.>
- 4) Remove the water pump from the oil pan upper.



B: INSTALLATION

1. WATER PUMP PULLEY

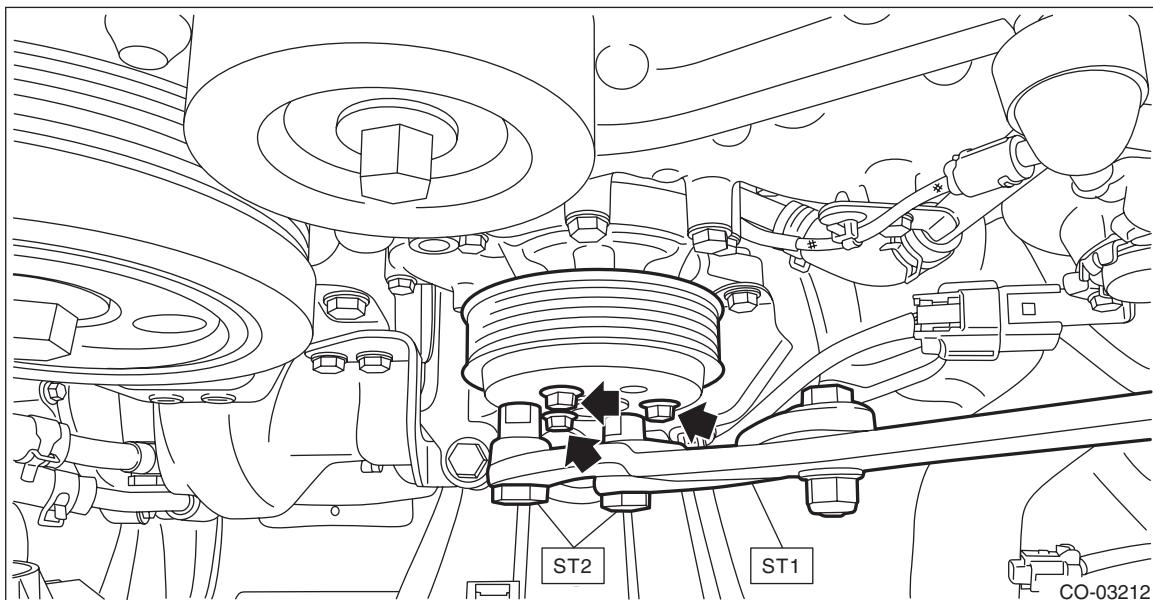
1) Using the ST, install the water pump pulley.

ST1 18355AA000 PULLEY WRENCH

ST2 18334AA030 PULLEY WRENCH PIN SET

Tightening torque:

14 N·m (1.4 kgf·m, 10.3 ft-lb)



2) Install the V-belts. <Ref. to ME(H4DOTC)-78, INSTALLATION, V-belt.>

2. WATER PUMP

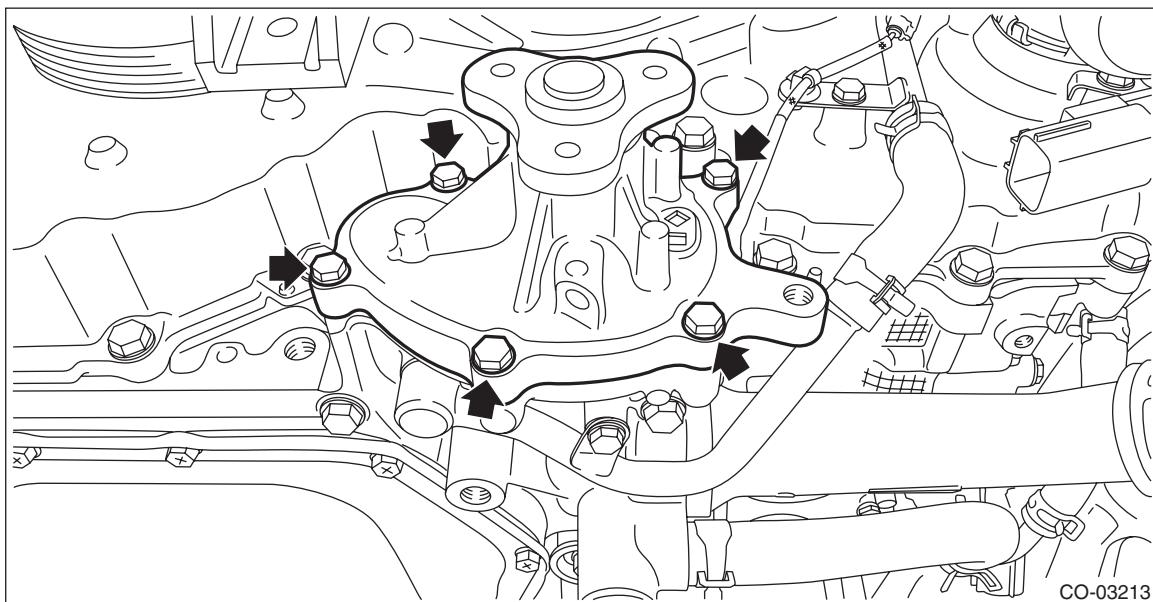
1) Install the water pump to oil pan upper.

NOTE:

Use a new gasket.

Tightening torque:

6.4 N·m (0.7 kgf·m, 4.7 ft-lb)



2) Install the front exhaust pipe. <Ref. to EX(H4DOTC)-15, INSTALLATION, Front Exhaust Pipe.>

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- 3) Install the water pump pulley. <Ref. to CO(H4DOTC)-17, WATER PUMP PULLEY, INSTALLATION, Water Pump.>
- 4) Connect the battery ground terminal.
- 5) Fill engine coolant. <Ref. to CO(H4DOTC)-14, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

C: INSPECTION

- 1) Check that the water pump pulley does not have deformation, cracks and any other damage.
- 2) Check the water pump bearing for smooth rotation.
- 3) Make sure the impeller is not abnormally deformed or damaged.